

BrightBlast™ Glass Beads

FOR BLASTING AND
SURFACE FINISHING

Product Description and Technical Data:

BrightBlast™ Glass Beads are high-performance, non-abrasive media widely used for blasting, cleaning, conditioning and decorative surface finishing of metallic and non-metallic surfaces.

BrightBlast™ is manufactured from high-grade crushed and sized glass cullet. The cullet is melted to a spherical shape and annealed to equalise internal stresses, producing strong, non-abrasive, clear and transparent spheres that provide a clean, consistent finish without embedding into the surface or causing contamination.

BrightBlast™ Glass Beads are ideal for removing light contamination, oxides, paints, coatings and surface deposits while leaving the base material intact. They are widely used for surface conditioning, deburring, cosmetic finishing and decorative effects, producing an attractive, uniform finish on a variety of materials.

The non-abrasive nature of BrightBlast™ ensures that surfaces are cleaned and finished without significant material loss, making it ideal for components where dimensional accuracy and surface integrity must be maintained.

BrightBlast™ Glass Beads are suitable for use in air blasting, wheel blasting and other blasting systems. They are effective on metals such as stainless steel, aluminium, titanium and ferrous alloys, as well as glass, plastics, composites and other non-metallic materials.

For peening applications such as imparting compressive stresses, please refer to our separate BrightBlast™ Glass Beads – Peening brochure.

**BrightBlast™
Glass Beads**

BrightBlast™ Abrasive Properties:

Shape	Spherical	Basic Material	Soda Lime Glass
Hardness (Moh)	5.5	Roundness %	Min 70
Bulk Density (kg/m³)	1500	Broken Particles %	Max 3 by count
Particle S.G.	2.45 - 2.50	Free Silica %	0
Colour	Clear Glass	Size Standard	ASTM

BrightBlast™ Glass Beads

TECHNICAL DATA

BrightBlast™ Available Sizes:

Grade	GB3	GB4	GB5	GB6	GB7	GB8	GB9	GB10	GB11	GB12	GB13
Code	03B	04C	05AA	06D	07AB	08AC	09AD	10AE	11AG	12AH	13AI
Microns	425 - 600	250 - 425	212 - 425	212 - 300	180 - 300	125 - 250	106 - 212	90 - 150	53 - 106	45 - 90	< 53
Inch	.016 - .023	.009 - .016	.008 - .016	.008 - .011	.007 - .011	.005 - .010	.004 - .008	.003 - .006	.002 - .004	.001 - .003	< .002

Other blasting sizes available upon request.

BrightBlast™ Packaging:

25kg Bags	1 Tonne Pallet (40 x 25kg Bags)
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BrightBlast™ Ordering Information:

Stock Code	AGB-XXXX
Key	XXXX - Code for Product GB Grade

Typical Blasting Uses:

- ▶ Cleaning and removal of surface contaminants
- ▶ Surface conditioning and preparation
- ▶ Deburring and edge blending
- ▶ Cosmetic finishing
- ▶ Decorative satin / matte finishing